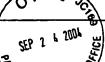
FORM PTO-1449



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional) 81833.0036 Application Number 10/089,598

Applicant

Shogo KAKIUCHI, et al.

Filing Date

July 1, 2002

Group Art Unit

3651

			. <u></u>	2002		3651	
		U.S. PATENT	DOCUMENTS				
XAMINER INITIAL	APPLICATION DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DA	
gi	US 4,757,382	07/12/1988	Kaziura et al.				
4	US 5,878,868	03/19/1999	Gotoh et al.				-
C.	US 5,531,312	07/02/1996	Dickey				
CI	US 4,934,560	06/19/1990	Bouyer				
8	US 3,722,658	03/27/1973	Sterling				
0	<u>.</u>		····				
			·				
							<u>.</u>
		i l					
· · ·		DE1011 DATE	NT DOOLING		<u> </u>		
		· · · · · · · · · · · · · · · · · · ·	NT DOCUMEN			Teans	lation
	FO PUBLICATION DOCUMENT NO.	REIGN PATE	NT DOCUMEN	TS CLASS	SUBCLASS	Trans YES	
Ge		· · · · · · · · · · · · · · · · · · ·			SUBCLASS		
ge se	PUBLICATION DOCUMENT NO.	DATE	COUNTRY		SUBCLASS	YES	
gi Si	PUBLICATION DOCUMENT NO. EP 0166277 A2	DATE 02/01/1986	COUNTRY Europe		SUBCLASS	YES	
\$4 \$4	PUBLICATION DOCUMENT NO. EP 0166277 A2 EP 0715164 A2	DATE 02/01/1986 05/06/1995	COUNTRY Europe Europe		SUBCLASS	YES X	
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	PUBLICATION DOCUMENT NO. EP 0166277 A2 EP 0715164 A2 EP 0715164 A3	02/01/1986 05/06/1995 18/06/1997	Europe Europe Europe		SUBCLASS	YES X X X	NC
31 84 84 84	PUBLICATION DOCUMENT NO. EP 0166277 A2 EP 0715164 A2 EP 0715164 A3 JP 10170446 FR 2539057 A1	DATE 02/01/1986 05/06/1995 18/06/1997 26/06/1998 07/13/1984	Europe Europe Europe Japan France	CLASS		YES X X X	NO
\$4 \$4 \$4	PUBLICATION DOCUMENT NO. EP 0166277 A2 EP 0715164 A2 EP 0715164 A3 JP 10170446 FR 2539057 A1 OTHER DOCUMENT	DATE 02/01/1986 05/06/1995 18/06/1997 26/06/1998 07/13/1984 TS (Including Au	Europe Europe Europe Japan France	CLASS		YES X X X	NO
zi zi zi zi	PUBLICATION DOCUMENT NO. EP 0166277 A2 EP 0715164 A2 EP 0715164 A3 JP 10170446 FR 2539057 A1 OTHER DOCUMENT European Search Report for Applicate	02/01/1986 05/06/1995 18/06/1997 26/06/1998 07/13/1984 TS (Including Aution No. EP 00962	COUNTRY Europe Europe Japan France thor, Title, Date, Per	CLASS		YES X X X	NC
zy zy zy zy zy	PUBLICATION DOCUMENT NO. EP 0166277 A2 EP 0715164 A2 EP 0715164 A3 JP 10170446 FR 2539057 A1 OTHER DOCUMENT	02/01/1986 05/06/1995 18/06/1997 26/06/1998 07/13/1984 TS (Including Aution No. EP 00962	COUNTRY Europe Europe Japan France thor, Title, Date, Per	CLASS		YES X X X	lation NO

EXAMINER DATE CONSIDERED 11/10

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449 OF EINE ORMATION DISCLOSURE CITATION IN AN APPLICATION			Docket Numbe 81833.	Docket Number (Optional) Application N 81833.0036 10			lumber 0/089,598	
			Applicant Shogo KAKIUCHI, et al.					
aci o 8 say	USe several sheets if necessary)			Filing Date July 1, 2002		Group Art Unit 3651		
GIENT TRAC		DOCUMENTS						
EXAMINER INITIAL	APPLICATION DOCUMENT NO.	OCUMENT NO. DATE		NAME CLASS		FILING DATE IF APPROPRIATE		
							-	
				 				
•			·					
				1				
			· · · · · · · · · · · · · · · · · · ·					
	<u> </u>							
	FOE	PEIGN DATE	NT DOCUMEN	<u> </u>				
		 -	 	1	CURCUASO	Translation		
	PUBLICATION DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
			•	<u> </u>				
·								
				<u> L</u>				
•	OTHER DOCUMENTS	S (Including Au	thor, Title, Date, Per	tinent Pages	, Etc.)			
ije	Japanese Office Action and English tra	anslation for App	lication No. 278595					
0								
-			,					

		<u>}</u>
EXAMINER/	0011	DATE CONSIDERED
		er or not citation is in conformance with MPEP § 609; Draw line through citation if not in of this form with next communication to the applicant.